

$100 \sim M^{N+} + 102 \rightarrow 104 \left[\text{Quinoline-8-olato} \right]_{N-1} \quad 1:1$
 $+ 106 \rightarrow 108 \left[\text{Quinoline-8,10-diolato} \right]_{N-2} \quad 1:2$
 $\dots N \text{ Times} \quad 1:N$

FIG. 1